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ICS 35.040.50
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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4914-2024

Technical requirements for IoT edge computing gateways based on public telecommunication networks

基于公用电信网的物联网边缘计算网关技术要求

(English Translation)

Issued on: July 5, 2024 **Implemented on: October 1, 2024**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4914-2024

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1 Foreword

YD/T 4914-2024 was issued by Ministry of Industry and Information Technology on 5 July 2024 and has been in force since 1 October 2024.

The YD/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the technical requirements for IoT edge computing gateways (unless otherwise specified, the gateway in this article refers to IoT edge computing gateways) based on public telecommunications networks, including general technical requirements, data processing requirements, equipment management requirements, computing power requirements, and security requirements. This standard applies to IoT edge computing gateways based on public telecommunications networks.

YD/T 4914-2024 falls under ICS 35.040.50, in the field of information technology.

This catalogue holds 725 other YD/T standards in that field.

In this catalogue, YD/T standards carry edition years from 1982 to 2026.

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3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

CJ/T 188-2018 - Technical requirements of utility meters data transmission

YDC 079-2009 - Technical Specifications and Testing Methods of Wireless LAN for Mobile Terminals

YD/T 5117-2026 - Technical Specifications for Broadband IP Metro Area Network Engineering

YD/T 5080-2026 - Technical Specifications for Network Management System of Optical Cable Transmission Engineering

YD/T 4839.3-2026 - Technical requirements for collaborative management and control of IP network and optical network - Part 3: Interface information model between coordination layer and single domain management control system

5 Classification and status

International classification (ICS): 35.040.50

Chinese Standard Classification (CCS): L 78

Prefix YD/T: recommended standard.

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